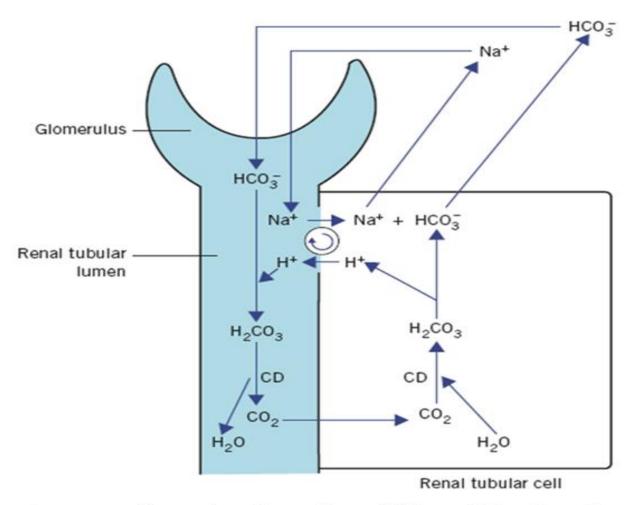
## Reabsorption of: ✓ electrolytes(Na,Cl,K,HC Secretion of: ✓ Hydrogen ion O<sub>3</sub>) ✓ glucose, ✓ Ammonium ion ✓ amino acids, and other ✓ Waste product nutrients from metabolism According to their **renal** threshold peritubular Glomerular **Tubular Secretion** Tubular Reabsorption capillary Filtration afferent efferent arteriole arteriole glomerulus glomerular distal proximal capsule convoluted convoluted tubule tubule collecting duct Reabsorption of ✓ Water , NaCl Under H<sub>2</sub>O < **ADH** Reabsorption Aldosterone control of Water ✓ reabsorption of NaCl ✓ Excretion of K loop of PTH the nephron renal pelvis ✓ reabsorption of Ca,Mg

✓ Excretion of phosphate

Excretion



Normal reabsorption of filtered bicarbonate from the renal tubules. CD, carbonate dehydratase.